

# WEST Search History

DATE: Monday, April 21, 2003

Set Name Query  
side by side

Hit Count Set Name  
result set

*DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ*

L1	electrode with dielectric	77628	L1
L2	L1 same ozone	1480	L2
L3	electrode with (cooling or coolant)	16399	L3
L4	l2 and L3	356	L4
L5	L4 and 422/186.\$ in.	0	L5
L6	L4 and ((422/186.\$)! CCLS.)	168	L6
L7	electrode with (corrugation or corrugated or groove or grooved)	25447	L7
L8	l6 and L7	20	L8

END OF SEARCH HISTORY

Generate Collection

Print

## Search Results - Record(s) 1 through 20 of 20 returned.

☐ 1. Document ID: US 20030072675 A1

L8: Entry 1 of 20

File: PGPB

Apr 17, 2003

PGPUB-DOCUMENT-NUMBER: 20030072675  
 PGPUB-FILING-TYPE: new  
 DOCUMENT-IDENTIFIER: US 20030072675 A1

TITLE: Sterilization method, ion generating device, ion generating device, and air conditioning device

PUBLICATION-DATE: April 17, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Takeda, Yasukata	Osaka-shi		JP	
Sekoguchi, Yoshinori	Osaka-shi		JP	
Furukawa, Takeshi	Osaka-shi		JP	
Morikawa, Mamoru	Osaka-shi		JP	
Noguchi, Katsutoshi	Osaka-shi		JP	
Nojima, Hideo	Osaka-shi		JP	
Nishikawa, Kazuo	Osaka-Shi		JP	
Miyata, Akio	Osaka-Shi		JP	

US-CL-CURRENT: 422/22; 422/186.04, 422/29

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC
Draw Desc	Image										

☐ 2. Document ID: US 20020001550 A1

L8: Entry 2 of 20

File: PGPB

Jan 3, 2002

PGPUB-DOCUMENT-NUMBER: 20020001550  
 PGPUB-FILING-TYPE: new  
 DOCUMENT-IDENTIFIER: US 20020001550 A1

TITLE: Ozone generator

PUBLICATION-DATE: January 3, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Shinjo, Ryoichi	Kanagawa		JP	
Harada, Minoru	Kanagawa		JP	
Nishioka, Yukiko	Kanagawa		JP	

US-CL-CURRENT: 422/186.07; 422/186.11, 422/186.14, 422/186.18, 422/186.19

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
Draw Desc	Image										

☐ 3. Document ID: US 20010046459 A1

L8: Entry 3 of 20

File: PGPB

Nov 29, 2001

PGPUB-DOCUMENT-NUMBER: 20010046459  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20010046459 A1

TITLE: High efficiency ozone generator

PUBLICATION-DATE: November 29, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
St. Onge, Benedict B.	San Marco	CA	US	
Goodley, Mark D.	Escondido	CA	US	
Smith, Jerry	Fallbrook	CA	US	

US-CL-CURRENT: 422/186\_11

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
Draw Desc	Image										

☐ 4. Document ID: US 6395239 B1

L8: Entry 4 of 20

File: USPT

May 28, 2002

US-PAT-NO: 6395239  
DOCUMENT-IDENTIFIER: US 6395239 B1

TITLE: Ozonizer

DATE-ISSUED: May 28, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tabata; Yoichiro	Tokyo			JP
Usui; Akira	Tokyo			JP

US-CL-CURRENT: 422/186\_07; 422/186\_11

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
Draw Desc	Image										

☐ 5. Document ID: US 6165423 A

L8: Entry 5 of 20

File: USPT

Dec 26, 2000

US-PAT-NO: 6165423  
DOCUMENT-IDENTIFIER: US 6165423 A

TITLE: Ozone generator

DATE-ISSUED: December 26, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Crosbie; Robert	Maple Ridge, British Columbia			CA

US-CL-CURRENT: 422/186.07; 422/186.12, 422/4

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 6. Document ID: US 5948374 A

L8: Entry 6 of 20

File: USPT

Sep 7, 1999

US-PAT-NO: 5948374

DOCUMENT-IDENTIFIER: US 5948374 A

TITLE: Ozone generating apparatus

DATE-ISSUED: September 7, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kuzumoto; Masaki	Hyogo			JP
Tabata; Youichiro	Hyogo			JP
Yagi; Shigenori	Hyogo			JP
Yoshizawa; Kenji	Hyogo			JP
Mukai; Masahiro	Hyogo			JP
Ochi; Junji	Hyogo			JP
Ozawa; Tateki	Hyogo			JP

US-CL-CURRENT: 422/186.07

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 7. Document ID: US 5759497 A

L8: Entry 7 of 20

File: USPT

Jun 2, 1998

US-PAT-NO: 5759497

DOCUMENT-IDENTIFIER: US 5759497 A

TITLE: Ozone generating apparatus

DATE-ISSUED: June 2, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kuzumoto; Masaki	Hyogo			JP
Tabata; Youichiro	Hyogo			JP
Yagi; Shigenori	Hyogo			JP
Yoshizawa; Kenji	Hyogo			JP
Mukai; Masahiro	Hyogo			JP
Ochi; Junji	Hyogo			JP
Ozawa; Tateki	Hyogo			JP

US-CL-CURRENT: 422/186.07

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 8. Document ID: US 5578280 A

L8: Entry 8 of 20

File: USPT

Nov 26, 1996

US-PAT-NO: 5578280

DOCUMENT-IDENTIFIER: US 5578280 A

TITLE: Ozone generator with a generally spherical corona chamber

DATE-ISSUED: November 26, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kazi; Abdullah	San Jose	CA		
Hays; Roy	San Jose	CA		
Buckley; James	San Jose	CA		

US-CL-CURRENT: 422/186.07; 422/186.08, 422/186.09, 422/186.1, 422/186.11, 422/186.12, 422/186.13, 422/186.14, 422/907

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 9. Document ID: US 5573733 A

L8: Entry 9 of 20

File: USPT

Nov 12, 1996

US-PAT-NO: 5573733

DOCUMENT-IDENTIFIER: US 5573733 A

TITLE: Inner electrode for an ozone generator, ozone generator containing said electrode and method of use of said ozone generator

DATE-ISSUED: November 12, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Salama; Amir	Granby			CA

US-CL-CURRENT: 422/186.18; 204/176, 422/186.19, 422/907

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 10. Document ID: US 5354541 A

L8: Entry 10 of 20

File: USPT

Oct 11, 1994

US-PAT-NO: 5354541

DOCUMENT-IDENTIFIER: US 5354541 A

TITLE: Ozone generator

DATE-ISSUED: October 11, 1994

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Sali; Louis	Fort Myers	FL	33905	
LeBoutillier; Anthony P.	Nokomis	FL	34275	

US-CL-CURRENT: 422/186.07; 422/186.11, 422/186.18, 422/186.19, 422/186.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 11. Document ID: US 5332556 A

L8: Entry 11 of 20

File: USPT

Jul 26, 1994

US-PAT-NO: 5332556

DOCUMENT-IDENTIFIER: US 5332556 A

TITLE: Ozone production electrode assembly

DATE-ISSUED: July 26, 1994

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Coakley; Timothy G.	Rock Hill	NY		
Horton, Jr.; Alfred J.	Howells	NY		
Kaplan; Bruce E.	Woodridge	NY		

US-CL-CURRENT: 422/186.18; 422/186.07

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 12. Document ID: US 5236673 A

L8: Entry 12 of 20

File: USPT

Aug 17, 1993

US-PAT-NO: 5236673

DOCUMENT-IDENTIFIER: US 5236673 A

\*\* See image for Certificate of Correction \*\*

TITLE: Ozonation system for treatment of water in cooling towers

DATE-ISSUED: August 17, 1993

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Coakley; Timothy G.	Rock Hill	NY		
Horton, Jr.; Alfred J.	Howells	NY		
Kaplan; Bruce E.	Woodridge	NY		

US-CL-CURRENT: 422/186.07; 422/186.18, 422/28, 422/3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
Draw Desc	Image									

☐ 13. Document ID: US 5098671 A

L8: Entry 13 of 20

File: USPT

Mar 24, 1992

US-PAT-NO: 5098671

DOCUMENT-IDENTIFIER: US 5098671 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Ozonizer utilizing a magnetic field

DATE-ISSUED: March 24, 1992

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Shiota; Hirokazu	Tokyo			JP

US-CL-CURRENT: 422/186.07

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
Draw Desc	Image									

☐ 14. Document ID: US 4960569 A

L8: Entry 14 of 20

File: USPT

Oct 2, 1990

US-PAT-NO: 4960569

DOCUMENT-IDENTIFIER: US 4960569 A

TITLE: Corona discharge ozonator with cooled flow path

DATE-ISSUED: October 2, 1990

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Fovell; Richard C.	San Jose	CA		
Heinemann; Jan M.	San Lucis Obispo	CA		
Heinemann; Klaus W.	Sunnyvale	CA		

US-CL-CURRENT: 422/186.19; 204/176, 422/186.07, 422/186.18

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWIC

☐ 15. Document ID: US 4774062 A

L8: Entry 15 of 20

File: USPT

Sep 27, 1988

US-PAT-NO: 4774062

DOCUMENT-IDENTIFIER: US 4774062 A

TITLE: Corona discharge ozonator

DATE-ISSUED: September 27, 1988

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Heinemann; Klaus W.	Sunnyvale	CA		

US-CL-CURRENT: 422/186.19; 422/186.07, 422/186.18, 422/907

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWIC

☐ 16. Document ID: US 4504446 A

L8: Entry 16 of 20

File: USPT

Mar 12, 1985

US-PAT-NO: 4504446

DOCUMENT-IDENTIFIER: US 4504446 A

TITLE: Ozone generator

DATE-ISSUED: March 12, 1985

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kunicki; Wojciech	Warsaw			PL
Jackson; Gilbert S.	Bethesda	MD		

US-CL-CURRENT: 422/186.19; 422/186.18, 422/186.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWIC

☐ 17. Document ID: US 4234800 A

L8: Entry 17 of 20

File: USPT

Nov 18, 1980

US-PAT-NO: 4234800

DOCUMENT-IDENTIFIER: US 4234800 A

TITLE: Ozone generator

DATE-ISSUED: November 18, 1980



## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kenly, V; William L.	Parsippany	NJ		
Grefe; William O.	West Paterson	NJ		
Lawrence; Walter H.	Hopatcong	NJ		

US-CL-CURRENT: 422/186.19

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 18. Document ID: US 4168238 A

L8: Entry 18 of 20

File: USPT

Sep 18, 1979

US-PAT-NO: 4168238

DOCUMENT-IDENTIFIER: US 4168238 A

TITLE: Apparatus for treating a fluid by electron emission

DATE-ISSUED: September 18, 1979

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Harter, III; Joseph W.	Los Angeles	CA		
Beitzel; Stuart W.	Santa Monica	CA		

US-CL-CURRENT: 422/186.2; 204/176

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 19. Document ID: US 3967131 A

L8: Entry 19 of 20

File: USPT

Jun 29, 1976

US-PAT-NO: 3967131

DOCUMENT-IDENTIFIER: US 3967131 A

TITLE: Corona discharge ozone generating unit

DATE-ISSUED: June 29, 1976

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Slipiec; Romuald E.	Northbrook	IL		
Schultz; Ronald A.	Berkeley	IL		

US-CL-CURRENT: 422/186.18

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 20. Document ID: US 3798457 A

L8: Entry 20 of 20

File: USPT

Mar 19, 1974

US-PAT-NO: 3798457

DOCUMENT-IDENTIFIER: US 3798457 A

**\*\* See image for Certificate of Correction \*\***

TITLE: CORONA REACTOR APPARATUS

DATE-ISSUED: March 19, 1974

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lowther; Frank E.	Phelps	NY		

US-CL-CURRENT: 422/186.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

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16 and L7	20

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# WEST Search History

DATE: Monday, April 21, 2003

Set Name Query  
side by side

Hit Count Set Name  
result set

*DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ*

L1	electrode with dielectric	77628	L1
L2	L1 same ozone	1480	L2
L3	electrode with (cooling or coolant)	16399	L3
L4	l2 and L3	356	L4
L5	L4 and 422/186\$.in.	0	L5
L6	L4 and ((422/186.\$)!.CCLS.)	168	L6
L7	electrode with (corrugation or corrugated or groove or grooved)	25447	L7
L8	l6 and L7	20	L8
L9	shinjo-ryoichi\$.in. or harada-minoru\$.in. or nishioka-yukiko\$.in.	265	L9
L10	L9 and ozone	40	L10
L11	L10 and dielectric	13	L11

END OF SEARCH HISTORY

Generate Collection

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## Search Results - Record(s) 1 through 13 of 13 returned.

☐ 1. Document ID: US 20020001550 A1

L11: Entry 1 of 13

File: PGPB

Jan 3, 2002

PGPUB-DOCUMENT-NUMBER: 20020001550  
 PGPUB-FILING-TYPE: new  
 DOCUMENT-IDENTIFIER: US 20020001550 A1

TITLE: Ozone generator

PUBLICATION-DATE: January 3, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
<u>Shinjo, Ryoichi</u>	Kanagawa		JP	
<u>Harada, Minoru</u>	Kanagawa		JP	
<u>Nishioka, Yukiko</u>	Kanagawa		JP	

US-CL-CURRENT: 422/186.07; 422/186.11, 422/186.14, 422/186.18, 422/186.19

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 2. Document ID: US 5792326 A

L11: Entry 2 of 13

File: USPT

Aug 11, 1998

US-PAT-NO: 5792326  
 DOCUMENT-IDENTIFIER: US 5792326 A

TITLE: Method and apparatus for generating ozone and methods of its use

DATE-ISSUED: August 11, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
<u>Harada, Minoru</u>	Fujisawa-shi, Kanagawa-ken			JP
<u>Shinjo, Ryoichi</u>	Yokohama-shi, Kanagawa-ken			JP
Tsujimura; Manabu	Yokohama-shi, Kanagawa-ken			JP
Nakata; Rempei	Kamakura-shi, Kanagawa-ken			JP
Miyazaki; Kunihiro	Tokyo			JP
Kaji; Naruhiko	Yokohama-shi, Kanagawa-ken			JP
Nakano; Yutaka	Ichikawa-shi, Chiba-ken			JP

US-CL-CURRENT: 204/176; 427/255.17, 427/255.393

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 3. Document ID: US 5632868 A

L11: Entry 3 of 13

File: USPT

May 27, 1997

US-PAT-NO: 5632868

DOCUMENT-IDENTIFIER: US 5632868 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Method and apparatus for generating ozone and methods of its use

DATE-ISSUED: May 27, 1997

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Harada; Minoru	Kanagawa-ken			JP
Shinjo; Ryoichi	Kanagawa-ken			JP
Tsujimura; Manabu	Kanagawa-ken			JP
Nakata; Rempei	Kanagawa-ken			JP
Miyazaki; Kunihiro	Tokyo			JP
Kaji; Naruhiko	Kanagawa-ken			JP
Nakano; Yutaka	Chiba-ken			JP

US-CL-CURRENT: 204/176

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 4. Document ID: US 5549874 A

L11: Entry 4 of 13

File: USPT

Aug 27, 1996

US-PAT-NO: 5549874

DOCUMENT-IDENTIFIER: US 5549874 A

TITLE: Discharge reactor

DATE-ISSUED: August 27, 1996

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kamiya; Ichiro	Tokyo			JP
Shinjo; Ryoichi	Kanagawa-ken			JP
Murakami; Takeshi	Kanagawa-ken			JP
Nishioka; Yukiko	Kanagawa-ken			JP
Harada; Minoru	Kanagawa-ken			JP

US-CL-CURRENT: 422/186\_04; 422/186\_07, 422/907

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

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☐ 5. Document ID: US 5538695 A

L11: Entry 5 of 13

File: USPT

Jul 23, 1996

US-PAT-NO: 5538695

DOCUMENT-IDENTIFIER: US 5538695 A

TITLE: Ozonizer

DATE-ISSUED: July 23, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
<u>Shinjo; Ryoichi</u>	Kanagawa-ken			JP
Kamiya; Ichiro	Tokyo			JP
<u>Harada; Minoru</u>	Kanagawa-ken			JP
<u>Nishioka; Yukiko</u>	Kanagawa-ken			JP

US-CL-CURRENT: 422/186.07; 422/186.11

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

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☐ 6. Document ID: JP 2002020105 A

L11: Entry 6 of 13

File: JPAB

Jan 23, 2002

PUB-NO: JP02002020105A

DOCUMENT-IDENTIFIER: JP 2002020105 A

TITLE: OZONE GENERATING DEVICE

PUBN-DATE: January 23, 2002

INVENTOR-INFORMATION:

NAME	COUNTRY
SHINJO, RYOICHI	
HARADA, MINORU	
NISHIOKA, YUKIKO	

INT-CL (IPC): C01 B 13/11; H01 T 23/00

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

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☐ 7. Document ID: JP 09241007 A

L11: Entry 7 of 13

File: JPAB

Sep 16, 1997

PUB-NO: JP409241007A

DOCUMENT-IDENTIFIER: JP 09241007 A

TITLE: OZONE GENERATING METHOD AND DEVICE

PUBN-DATE: September 16, 1997

INVENTOR-INFORMATION:

NAME

COUNTRY

NAKAMURA, ATSUSHI

HARADA, MINORU

INT-CL (IPC): C01 B 13/11; H01 T 23/00; H02 M 9/04

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWIC

☐ 8. Document ID: JP 08059213 A

L11: Entry 8 of 13

File: JPAB

Mar 5, 1996

PUB-NO: JP408059213A

DOCUMENT-IDENTIFIER: JP 08059213 A

TITLE: OZONIZER

PUBN-DATE: March 5, 1996

INVENTOR-INFORMATION:

NAME

COUNTRY

SHINJO, RYOICHI

KAMIYA, ICHIRO

HARADA, MINORU

NISHIOKA, YUKIKO

INT-CL (IPC): C01 B 13/11

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Clip Img	Image							

KWIC

☐ 9. Document ID: JP 06126157 A

L11: Entry 9 of 13

File: JPAB

May 10, 1994

PUB-NO: JP406126157A

DOCUMENT-IDENTIFIER: JP 06126157 A

TITLE: ELECTRIC DISCHARGE REACTION DEVICE

PUBN-DATE: May 10, 1994

INVENTOR-INFORMATION:

NAME

COUNTRY

KAMIYA, ICHIRO

SHINJO, RYOICHI

MURAKAMI, TAKESHI

NISHIOKA, YUKIKO

HARADA, MINORU

INT-CL (IPC): B01J 19/08; C01B 13/11; H01T 19/00

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Clip Img	Image							

KWIC

☐ 10. Document ID: JP 06126156 A

L11: Entry 10 of 13

File: JPAB

May 10, 1994

PUB-NO: JP406126156A  
DOCUMENT-IDENTIFIER: JP 06126156 A  
TITLE: DISCHARGE REACTION DEVICE

PUBN-DATE: May 10, 1994

INVENTOR-INFORMATION:

NAME

COUNTRY

KAMIYA, ICHIRO  
SHINJO, RYOICHI  
MURAKAMI, TAKESHI  
NISHIOKA, YUKIKO  
HARADA, MINORU

INT-CL (IPC): B01J 19/08; C01B 13/11; H01T 19/00

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Clip Img	Image							

KWIC

☐ 11. Document ID: JP 06072702 A

L11: Entry 11 of 13

File: JPAB

Mar 15, 1994

PUB-NO: JP406072702A  
DOCUMENT-IDENTIFIER: JP 06072702 A  
TITLE: OZONIZER

PUBN-DATE: March 15, 1994

INVENTOR-INFORMATION:

NAME

COUNTRY

SHINJO, RYOICHI  
KAMIYA, ICHIRO  
HARADA, MINORU  
NISHIOKA, YUKIKO

INT-CL (IPC): C01B 13/11; H01T 23/00

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWIC

☐ 12. Document ID: EP 1167287 A1



PUB-NO: EP001167287A1  
DOCUMENT-IDENTIFIER: EP 1167287 A1  
TITLE: Ozone generator

PUBN-DATE: January 2, 2002

## INVENTOR-INFORMATION:

NAME	COUNTRY
SHINJO, RYOICHI	JP
HARADA, MINORU	JP
NISHIOKA, YUKIKO	JP

INT-CL (IPC): C01 B 13/11

EUR-CL (EPC): C01B013/11

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 13. Document ID: EP 567114 A2

L11: Entry 13 of 13

File: EPAB

Oct 27, 1993

PUB-NO: EP000567114A2  
DOCUMENT-IDENTIFIER: EP 567114 A2  
TITLE: Discharge reactor.

PUBN-DATE: October 27, 1993

## INVENTOR-INFORMATION:

NAME	COUNTRY
KAMIYA, ICHIRO	JP
SHINJO, RYOICHI	JP
MURAKAMI, TAKESHI EBARASEISAKUS	JP
NISHIOKA, YUKIKO	JP
HARADA, MINORU	JP

INT-CL (IPC): C01B 13/11

EUR-CL (EPC): C01B013/11

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
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L10 and dielectric

13

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